

CLAIMS

1. An additive for hydrocarbon fuels, comprising:
active components including:
a hydrocarbon mixture in the range of approximately 60% to 76% by volume;
hydrotreated distillates in the range of approximately 10% to 16% by volume;
at least one predetermined vapor phase inhibitor; and
at least one predetermined surfactant.
2. The additive of claim 1, wherein:
said active components also include petroleum amines.
3. The additive of claim 1, wherein:
said active components also include at least one aromatic hydrocarbon.
4. The additive of claim 2, wherein:
said active components also include at least one aromatic hydrocarbon.
5. The additive of claim 1, wherein:
said active components include a blend of vapor phase inhibitors.

6. The additive of claim 2, wherein:
said active components include a blend of vapor phase inhibitors
7. The additive of claim 3, wherein:
said active components include a blend of vapor phase inhibitors.
8. The additive of claim 4, wherein:
said active components include a blend of vapor phase inhibitors.
9. The additive of claim 1, wherein:
said active components include anionic and ionic surfactants.
10. The additive of claim 2, wherein:
said active components include anionic and ionic surfactants.
11. The additive of claim 3, wherein:
said active components include anionic and ionic surfactants.
12. The additive of claim 4, wherein:
said active components include anionic and ionic surfactants.
13. The additive of claim 5, wherein:
said active components include anionic and ionic surfactants.

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14. The additive of claim 6, wherein:
said active components include anionic and ionic surfactants.
 15. The additive of claim 7, wherein:
said active components include anionic and ionic surfactants.
 16. The additive of claim 8, wherein:
said active components include anionic and ionic surfactants.
 17. The additive of claim 2, wherein:
said petroleum amines are included in the range of approximately 5% to 8% by volume.
 18. The additive of claim 4, wherein:
said petroleum amines are included in the range of approximately 5% to 8% by volume.
 19. The additive of claim 6, wherein:
said petroleum amines are included in the range of approximately 5% to 8% by volume.
 20. The additive of claim 8, wherein:
said petroleum amines are included in the range of approximately 5% to 8% by volume.